COLLEGE STATION UTILITIES' GOOD CENTS NEW HOME APPLICATION

Please complete and return form and set of home plans to:

College Station Utilities
Energy Conservation
1601 Graham Road
P.O. Box 9960
College Station,Tx. 77842

Project Address:_____ Date:_____

Builder:_____

Mailing Address:_____

Contact:_____ Telephone:_____

Cell/Pager #:_____ E-Mail Add.:_____

HOME DATA

Conditioned Square Footage:_____ Start Date:_____

Direction/Orientation (Circle One): N NE NW S SE SW E W

INSULATION

Insulation Contractor:_____ Telephone:_____

Wall: ____ Batt R-value **Attic:** _____Batt R-value
____ Blown _____ _____Blown _____

Sheathing: _____ Thickness _____R-value Type_____

Doors: _____Wood _____ Fiberglass _____Metal Core Material_____

Ducts: _____Metal _____ Duct Board _____Foil Back Flex R-value_____

Floors: _____Slab _____Pier & Beam _____Insulation R-value_____

WINDOWS

Glazing:

_____Metal	_____Double Pane	_____ Clear
_____Wood	_____Triple Pane	_____ Tinted
_____Vinyl	_____Solar Screens	_____ Low-E

HVAC SYSTEM

Unit Type:

_____Conventional _____Heat Pump _____Ground Source Heat Pump

HVAC Contractor:_____ Telphone:_____

Rebate Check Payable To: _____

Mailing Address:_____ City,State,Zip_____

College Station Utilities Good Cents Qualifying Criteria

GOOD CENTS, College Station's Energy Efficiency Program for new homes, is a flexible, performance-based program that allows the future homeowner and homebuilder various combinations of energy efficient, thermal and mechanical components to meet the Good Cents heat gain and air infiltration requirements.

HEAT GAIN

Analyses are performed on the construction plans when submitted with the proper application at the College Station Public Utility Energy Management offices at 1601 Graham Road in College Station. **Maximum allowable calculated heat gain of 12.0 BTU's or less are required to qualify for the Good Cents Program**. Energy Management personnel are available to work with owners and builders to assist in meeting criteria.

INSULATION / INFILTRATION

Insulation resistance values are to meet or exceed R-13 in walls, R-30 in attics and R-19 for pier and beam floors. Upon completion of insulation installation and before drywall and/or brick and siding are installed, Energy Management personnel must be notified to perform a thorough insulation/infiltration inspection. All insulation must be installed according to the manufacturer's instructions and **CUT** tightly around all junction boxes and plumbing filling the entire stud area with no gaps. Insulation must be installed during framing behind all tees and corners and behind any bathtub stalls installed **before** inspection. Appropriate R-value batts must be installed before first inspection in all ceilings areas impossible to reach during attic insulation installations.

A minimum of ½" insulating sheathing must be installed over exterior walls including wind bracing. All sheathing joints must be sealed with thermal sheathing tape. Sole plates must be caulked and all plumbing, electrical, security and cable entries must be sealed at the top plate and at any sheathing intersections. All gaps and penetrations in the thermal envelope must be sealed.

All windows must be double-glazed. Low E glass is recommended but is not a requirement. Solar screens are encouraged but will not be included in heat gain analyses since they are not fixed. Windows must be sealed with expanding foam and the exterior taped with sheathing/window tape.

All exterior doors must be solid wood, molded fiberglass, or metal polystyrene, urethane or fiberglass filled. Weather-stripping of all doors and windows must be completed before final inspection including any interior attic access doors within the conditioned space.

HEATING / AIR CONDITIONING / VENTI LATION

Air conditioning systems must have 12.0 or better SEER ratings and gas furnaces a minimum of 80 AFUE ratings. Heat pumps systems must have a minimum of 12.0 SEER and 3.0 COP efficiency ratings with back-up resistance heating not to exceed 5 kW per ton. The maximum allowable capacity for any installation shall not exceed one ton per 600 square feet of conditioned area. Wall return air chases must be internally lined with drywall or duct board sealed at all joints and at the floor. Ceiling return air plenums must be sealed at ceiling rafters or header plate.

Kitchen and bathroom exhaust fans must be dampered and ducted to exterior. Fireplaces, other than vent free gas units, must have fire blocks and outside combustion air intakes installed at time of initial inspection.

Ridge vents with appropriate numbers and sizes of soffit vents are required. Roof designs providing little ridge vent shall install additional turbine, gable or powered vents to provide adequate ventilation.

REBATES FOR HOMES PASSING ALL HEAT GAIN, INSULATION & BLOWER DOOR INSPECTIONS:

CAPACITY BTU's	SEER RATING					
	12	13	14	15	16	18
To 41,999	$400.00	$400.00	$400.00	$400.00	$600.00	$600.00
42,000 to 60,000	$400.00	$400.00	$600.00	$600.00	$600.00	$800.00